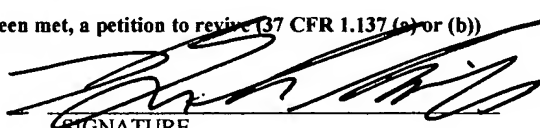


Form PTO-1390 (REV. 8-2004)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER	
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>				WP21387 US	
INTERNATIONAL APPLICATION NO. PCT/EP2003/010205		INTERNATIONAL FILING DATE 9/13/2003		U.S. APPLICATION NO. (if known, see 37 CFR 1.5) TBD <b>10/527138</b>	
TITLE OF INVENTION METHOD AND SYSTEM FOR DETERMINING THE TOPOLOGY OF A MODULAR ANALYSIS SYSTEM		PRIORITY DATE CLAIMED 9/14/2002			
APPLICANT(S) FOR DO/EO/US Ackermann et al.					
<p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)).               <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau)</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).               <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).               <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3))</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4). (unsigned)</li> <li>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> <p><b>Items 11 to 20 below concern document(s) or information included:</b></p> <ol style="list-style-type: none"> <li>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A preliminary amendment.</li> <li>14. <input type="checkbox"/> An Application Date Sheet Under 37 CFR 1.76.</li> <li>15. <input checked="" type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rue 13ter.2 and 35 U.S.C. 1.821 – 1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>20. <input checked="" type="checkbox"/> Other items or information: General Appointment of Representative               <div style="margin-left: 20px;"> <input type="checkbox"/> a. PCT Request  <input checked="" type="checkbox"/> b. International Publication  <input type="checkbox"/> c. Notification of Receipt of Demand  <input checked="" type="checkbox"/> d. Search Report      <input type="checkbox"/> e. Response  <input type="checkbox"/> f. Written Opinion      <input type="checkbox"/> g. Response  <input type="checkbox"/> h. Forms PCT/IB/304,308,332             </div> </li> </ol>					
Express Mail label number: EV 421111440 US		Date of Deposit: March 8, 2005			
<p>I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to MAIL STOP PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22312-1450.</p> <p style="text-align: right;">Signature of person mailing paper or fee </p>					

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>10/527138</b>		INTERNATIONAL APPLICATION NO. PCT/EP2003/010205		ATTORNEY'S DOCKET NUMBER WP21387 US																					
21. <input checked="" type="checkbox"/> The following fees are submitted:  <input checked="" type="checkbox"/> a) Basic national fee..... \$ 300.00  <input checked="" type="checkbox"/> b) Examination fee..... If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)..... \$ 100.00 All other situations..... \$ 200.00  <input type="checkbox"/> c) Search fee..... Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Search Authority... \$ 100.00 International Search Report prepared and provided to the Office..... \$ 400.00 All other situations..... \$ 500.00  <b>TOTAL OF ABOVE CALCULATIONS = \$900.00</b>  <input type="checkbox"/> Additional fee for specification and drawings filed in papers over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:15%;">Total Sheets</th> <th style="width:15%;">Extra sheets</th> <th style="width:40%;">Number of each additional 50 or fraction thereof (round up to a whole number)</th> <th style="width:30%;">Rate</th> </tr> <tr> <td>-100</td> <td>/50 =</td> <td></td> <td>x \$250.00</td> </tr> </table>				Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	Rate	-100	/50 =		x \$250.00	<b>CALCULATIONS PTO USE ONLY</b> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td style="width:50%;">\$ 300.00</td><td style="width:50%;"></td></tr> <tr><td>\$ 200.00</td><td></td></tr> <tr><td>\$ 400.00</td><td></td></tr> <tr><td>\$ 900.00</td><td></td></tr> <tr><td></td><td></td></tr> <tr><td>\$</td><td></td></tr> </table>		\$ 300.00		\$ 200.00		\$ 400.00		\$ 900.00				\$	
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Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 Months from the earliest claimed priority date (37 CFR 1.492(e)).				\$ 130.00																					
CLAIMS		NUMBER FIELD	NUMBER EXTRA	RATE																					
Total claims		15 -20 =		x \$50.00 \$																					
Independent claims		2 -3 =		x \$200.00 \$																					
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				x \$360.00 \$																					
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$																					
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				+																					
<b>SUBTOTAL =</b>				\$ 1030.00																					
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$																					
<b>TOTAL NATIONAL FEE =</b>				\$ 1030.00																					
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+																					
<b>TOTAL FEES ENCLOSED =</b>				\$ 1030.00																					
				Amount to be refunded: \$																					
				charged: \$																					
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.  b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>02-2958</u> in the amount of \$ <u>1030.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.  c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>02-2958</u> . A duplicate of this sheet is enclosed.  d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.																									
<b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.</b>																									
SEND ALL CORRESPONDENCE TO:  Brian L. Smiler Roche Diagnostics Operations, Inc. 9115 Hague Road Indianapolis, IN 46250																									
				 SIGNATURE																					
				Brian L. Smiler NAME																					
				46,458 REGISTRATION NUMBER																					

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Assistant Commissioner for Patents  
Alexandria, VA 22313-1450

**GENERAL APPOINTMENT OF REPRESENTATIVE FOR  
U.S. PATENT AND TRADEMARK OFFICE MATTERS**

The undersigned applicant or assignee hereby appoints representatives of Customer No. 23690 to prosecute and transact all business on its behalf before the United States Patent and Trademark Office in connection with any U.S. patent assigned to it and any U.S. patent application filed by it or on its behalf and to receive payments on its behalf.

Signed this 03rd day of August, 2004 at Mannheim, Germany.

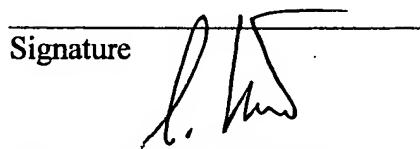
Roche Diagnostics GmbH  
ppa.

  
Signature

Dr. Michael Jung  
Print Name

Vice President  
Position or Title

Roche Diagnostics GmbH  
i.V.

  
Signature

Dr. Andrea Köster  
Print Name

Director  
Position or Title

**DECLARATION**

I, Sabine Frieda Katharina Town, declare that I am a citizen of the Federal Republic of Germany, residing at Waldstraße 45, 82386 Oberhausen, Federal Republic of Germany, that I am fluent in German and English, that I am a competent translator from German into English and that the attached is a true and accurate translation made by me into the English language of International Patent Application No. PCT/EP2003/010205 filed on 13<sup>th</sup> September 2003.

I further declare that all statements made herein of my knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that wilful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such wilful false statements may jeopardize the validity of the application or any patent issuing thereon.

I hereby subscribe my name to the foregoing declaration,  
this thirty-first day of January 2005.

Signature of translator: \_\_\_\_\_



Sabine F.K. Town